METHOD FOR CONTROLLING OUTER LOOP POWER

Abstract of the Disclosure

The invention discloses a method for controlling outer loop power in W-CDMA system, which includes the following steps of: a) measuring a

5   BER, and calculating an error between measured BER and a target BER and a change of the error; b) determining a degree of the error and a degree of the change of the error; c) calculating a degree of a SNR threshold adjusting step in accordance with the degree of the error and the degree of the change of the error; d) determining an actual SNR threshold adjusting step based on

10   the calculated degree of the SNR threshold adjusting step; and e) adjusting a SNR threshold in accordance with the actual SNR threshold adjusting step. The invention bypasses the determination and implementation of the corresponding function relations between the SNR threshold and the measured BER value by using a fuzzy control method, which is capable of

15   implementing adaptive real-time trace, thereby improves control quality.